

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-108761

(43)Date of publication of application : 25.04.1995

(51)Int.Cl.

B41M 5/26

B41M 5/30

(21)Application number : 05-256825

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(22)Date of filing : 14.10.1993

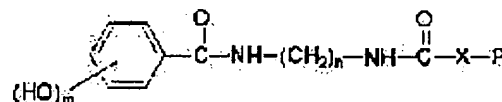
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(54) REVERSIBLE THERMAL RECORDING MATERIAL

(57)Abstract:

PURPOSE: To obtain a reversible thermal recording material capable of forming and erasing an image in good contrast by providing a reversible thermal recording layer containing an electron donating dye precursor and a specific electron acceptive compd. on a support.

CONSTITUTION: An electron acceptive compd. represented by formula (wherein m is 1 or 2, n is 0 or 1, X is a methylene group, an oxygen atom, an NH group or an NHNH group and R is an aliphatic hydrocarbon group) and generating a reversible hue change in a colorless or light-colored electron donating dye precursor under heating and the colorless or light-colored electron donating dye precursor are dissolved or dispersed in a solvent to prepare a coating soln. This coating soln. is applied to a support such as paper, a nonwoven fabric or a synthetic resin film and dried to form a reversible thermal recording layer to obtain a reversible thermal recording material. As a concrete example of the electron acceptive compd. represented by the aforementioned formula, there is N-(4-hydroxybenzoyl)-N'-n-octanoylhydrazine.



LEGAL STATUS

[Date of request for examination]

08.03.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the
examiner's decision of rejection or application]

converted registration]

[Date of final disposal for application]

[Patent number] 3233751

[Date of registration] 21.09.2001

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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